

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032201.D
 Acq On : 21 Jan 2018 5:19
 Operator : SJ/JU
 Sample : J1210-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-2898

Quant Time: Jan 22 06:27:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

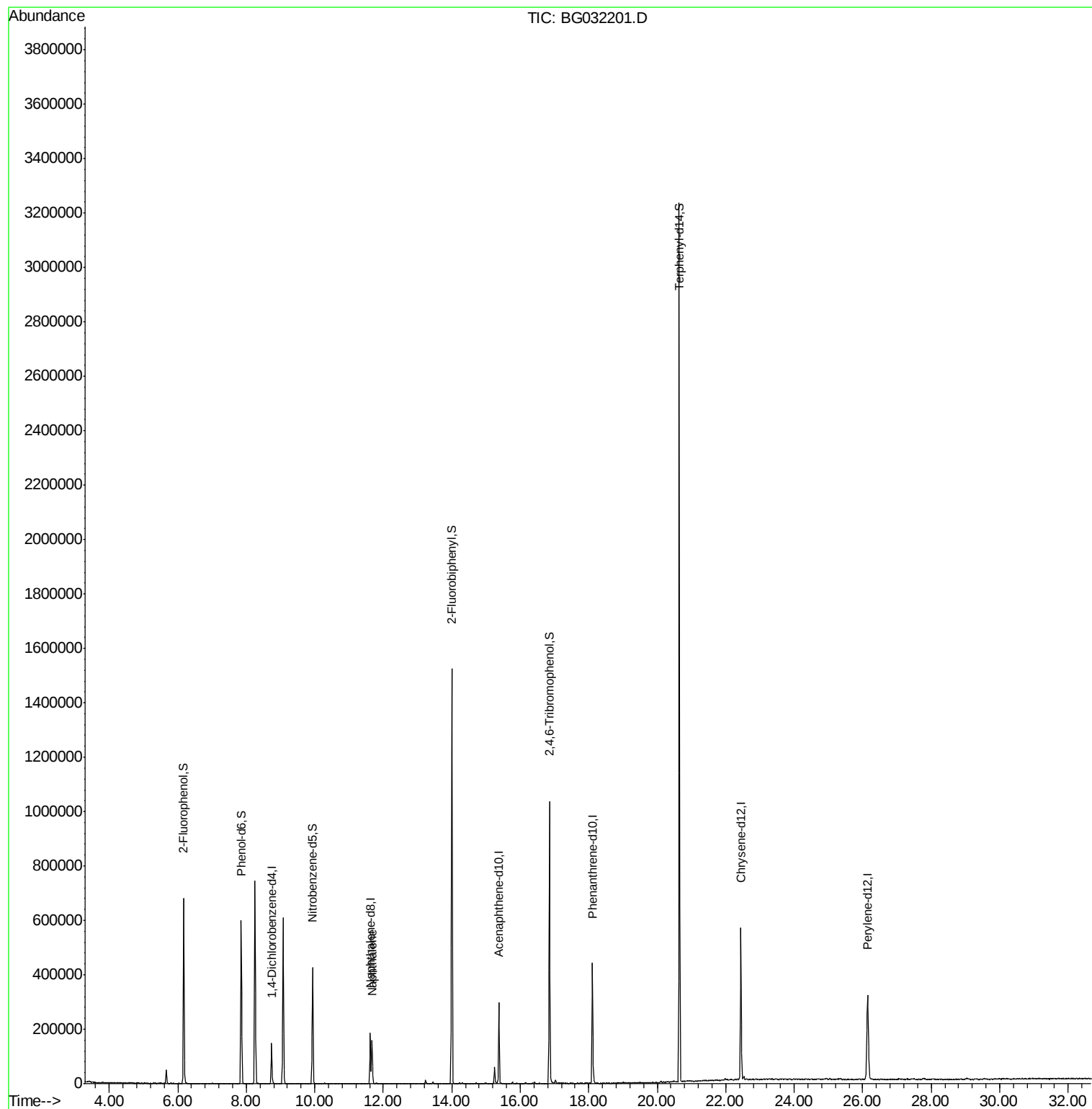
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	48167	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	183114	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	116677	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	308708	20.00	ng	0.00
75) Chrysene-d12	22.44	240	422702	20.00	ng	0.00
86) Perylene-d12	26.14	264	435428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	332170	126.13	ng	0.00
7) Phenol-d6	7.85	99	369112	111.28	ng	0.00
23) Nitrobenzene-d5	9.94	82	264338	97.66	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	249742	129.35	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	897964	95.43	ng	0.00
78) Terphenyl-d14	20.65	244	1753386	91.59	ng	0.00
Target Compounds						
31) Naphthalene	11.67	128	144026	15.878	ng	Qvalue 98

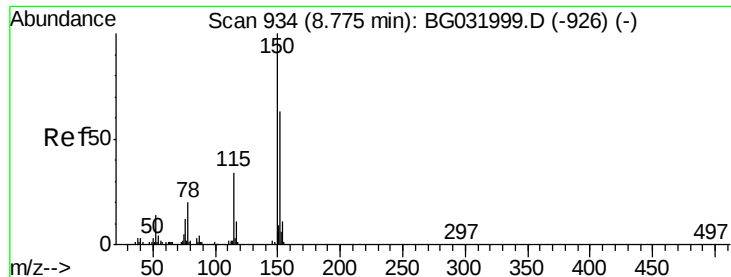
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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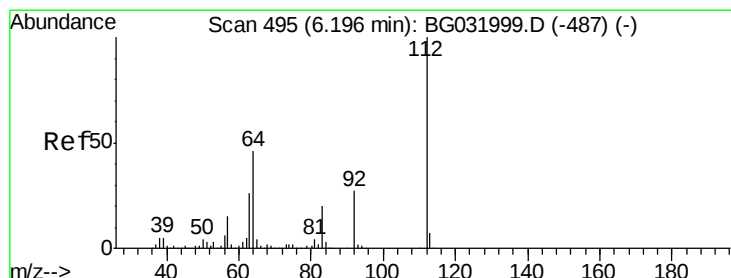
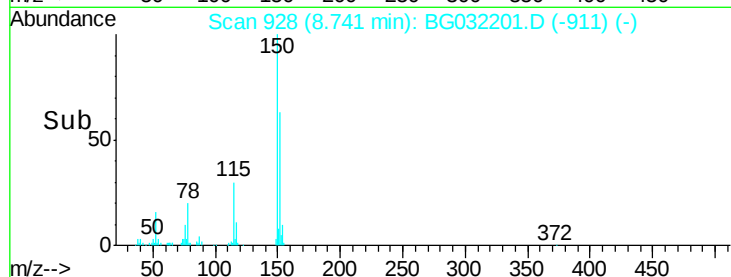
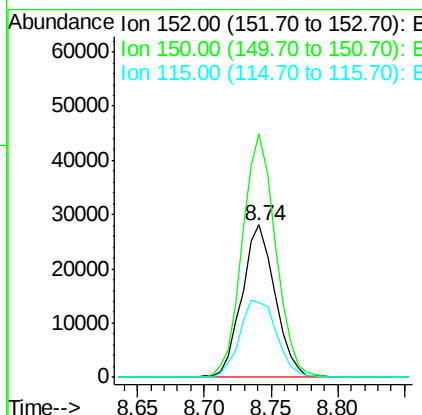
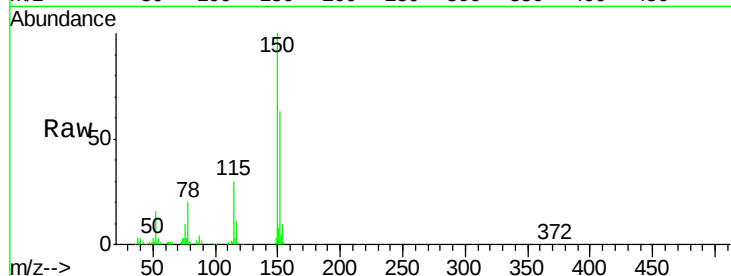


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032201.D
Acq: 21 Jan 2018 5:19

Instrument :
BNA_G
ClientSampleId :
RT-2898

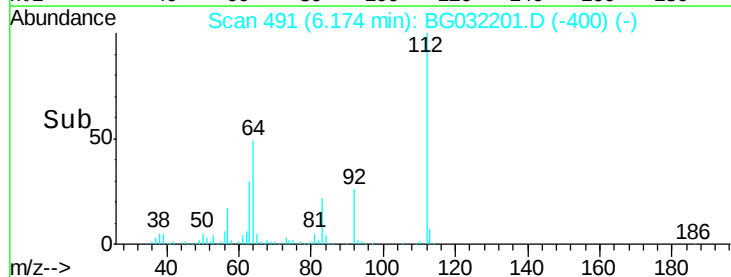
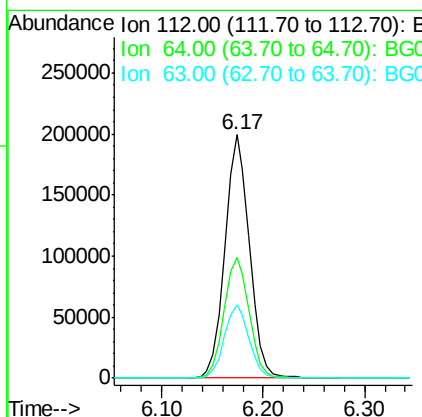
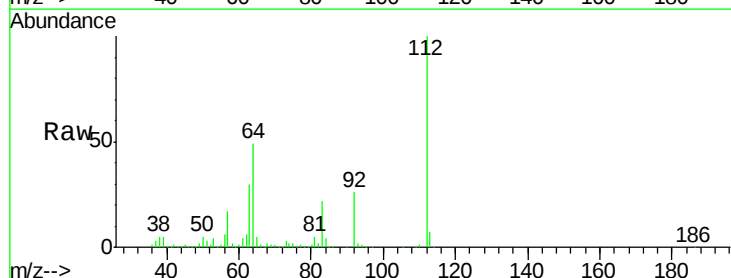
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.6	189.8
115	48.7	53.0	79.4

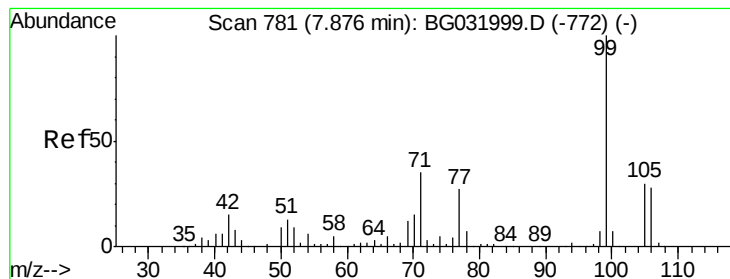


#5

2-Fluorophenol
Concen: 126.127 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.01 min
Lab File: BG032201.D
Acq: 21 Jan 2018 5:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	56.3	84.5
63	30.3	30.1	45.1





#7

Phenol-d6

Concen: 111.283 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG032201.D

Acq: 21 Jan 2018 5:19

Instrument :

BNA_G

ClientSampleId :

RT-2898

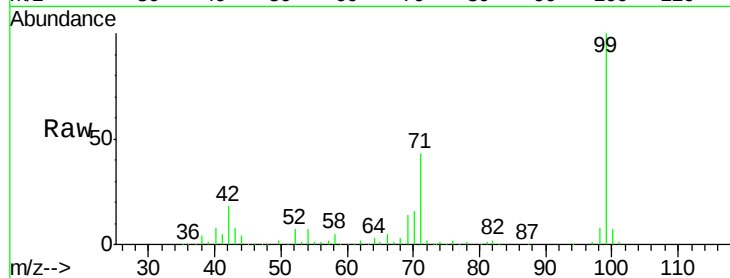
Tot Ion: 99 Resp: 369112

Ion Ratio Lower Upper

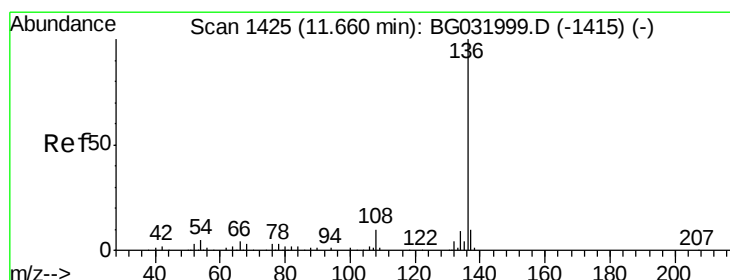
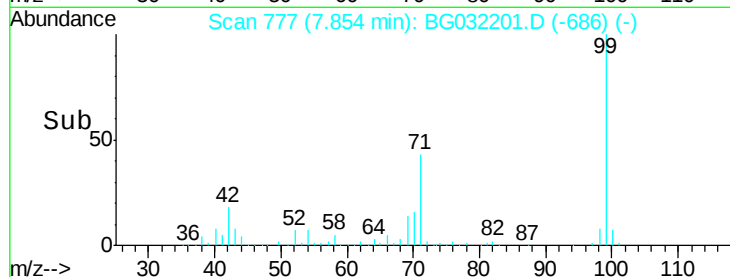
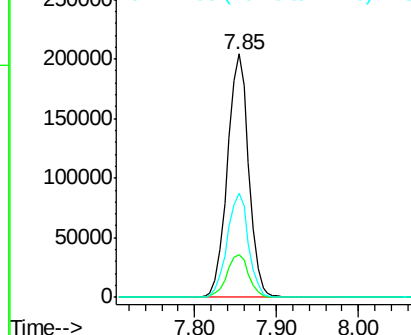
99 100

42 17.7 14.1 21.1

71 42.8 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.62 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BG032201.D

Acq: 21 Jan 2018 5:19

Tgt Ion: 136 Resp: 183114

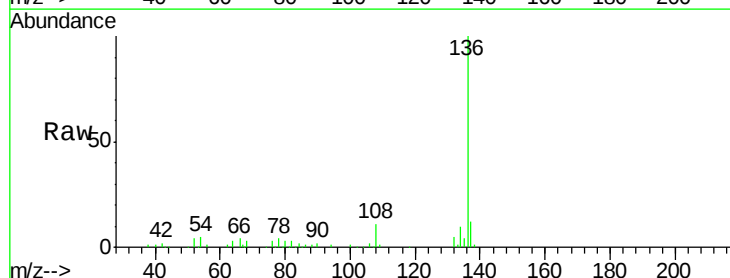
Ion Ratio Lower Upper

136 100

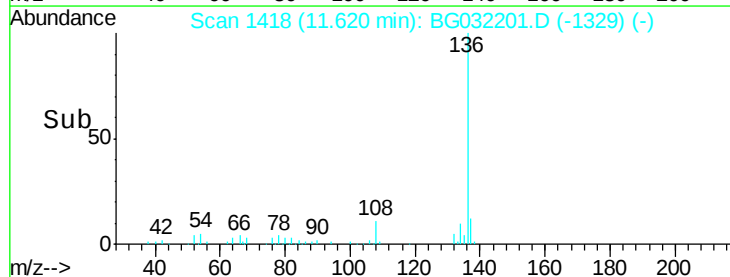
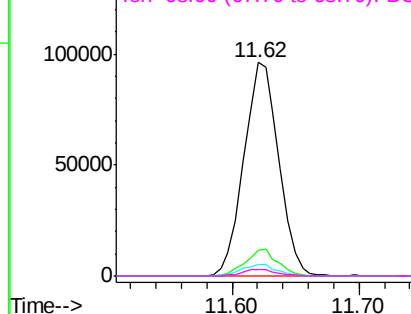
137 12.2 9.2 13.8

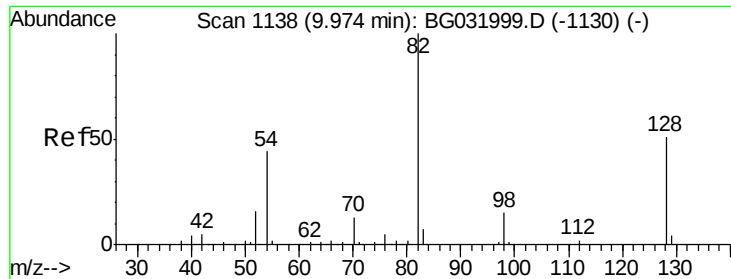
54 5.1 10.3 15.5#

68 3.2 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

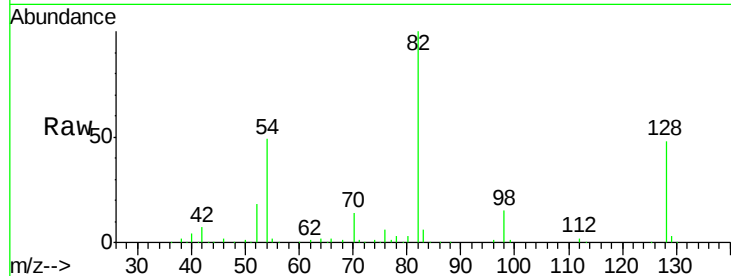




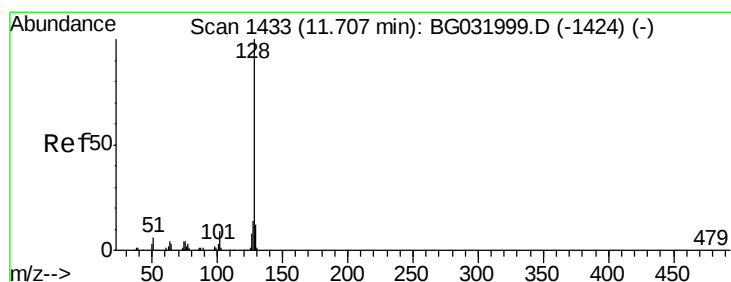
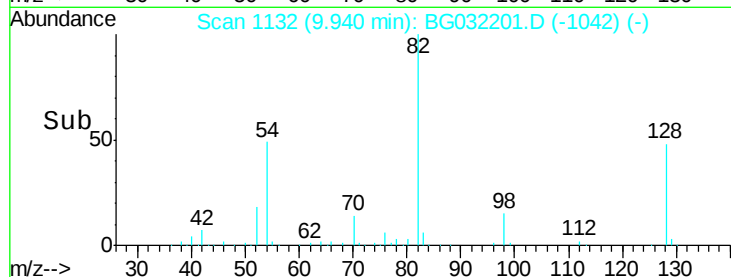
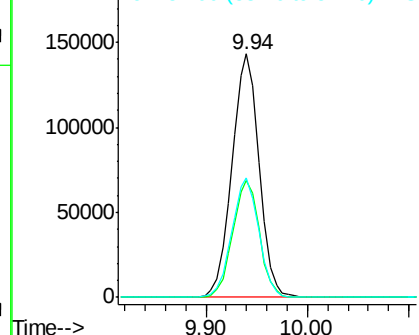
#23
Nitrobenzene-d5
Concen: 97.664 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032201.D
Acq: 21 Jan 2018 5:19

Instrument :
BNA_G
ClientSampleId :
RT-2898

Tot Ion	82	Resp	264338
Ion Ratio	100	Lower	Upper
128	48.1	29.7	44.5#
54	49.1	43.1	64.7

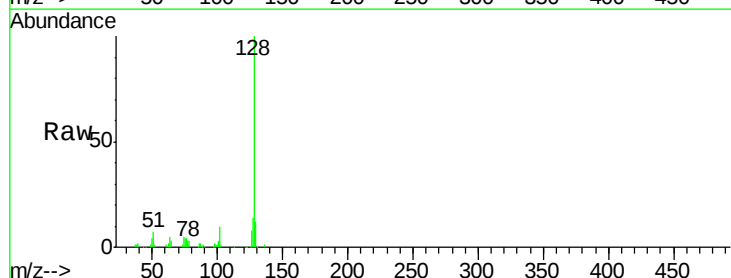


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

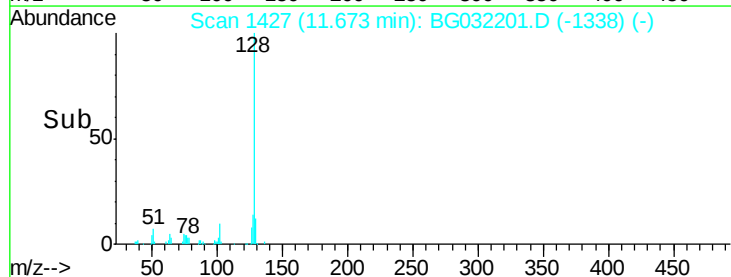
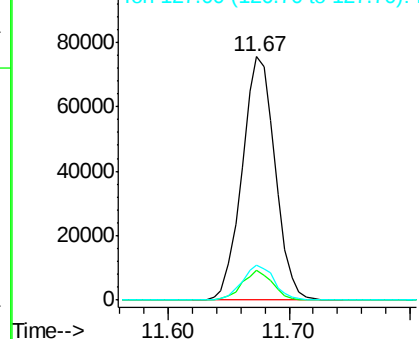


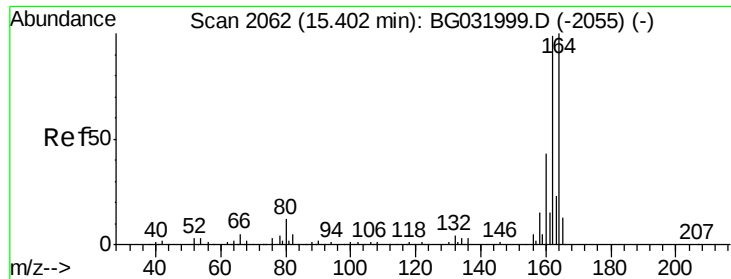
#31
Naphthalene
Concen: 15.878 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG032201.D
Acq: 21 Jan 2018 5:19

Tgt Ion	128	Resp	144026
Ion Ratio	100	Lower	Upper
129	12.1	8.6	12.8
127	14.3	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.37 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG032201.D

Acq: 21 Jan 2018 5:19

Instrument :

BNA_G

ClientSampleId :

RT-2898

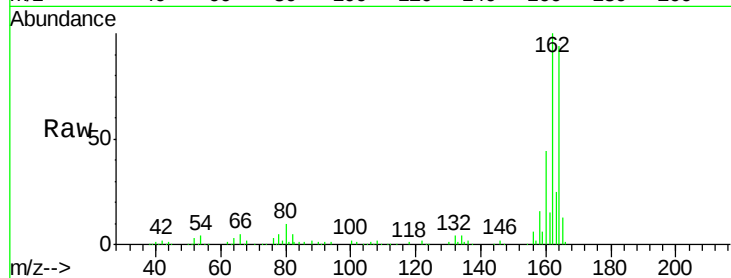
Tot Ion:164 Resp: 116677

Ion Ratio Lower Upper

164 100

162 106.4 78.8 118.2

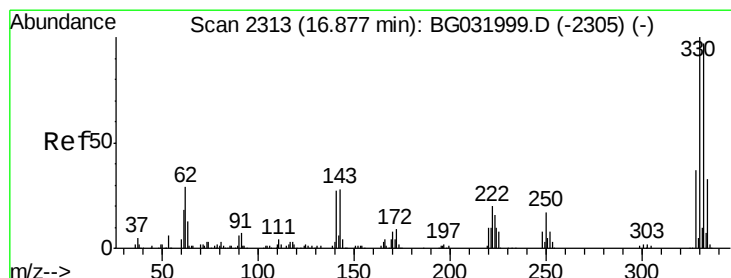
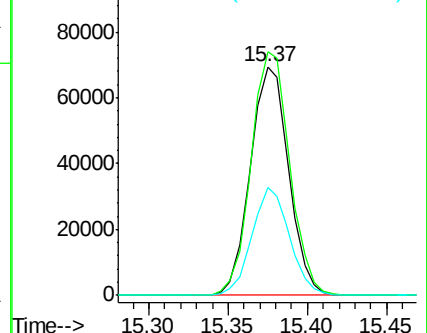
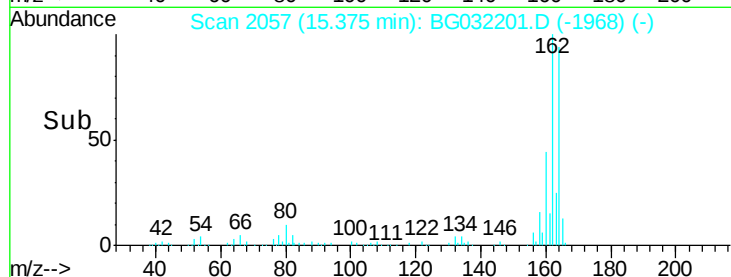
160 47.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 129.351 ng

RT: 16.86 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032201.D

Acq: 21 Jan 2018 5:19

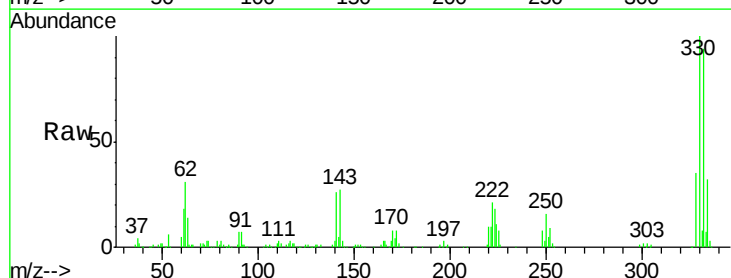
Tgt Ion:330 Resp: 249742

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

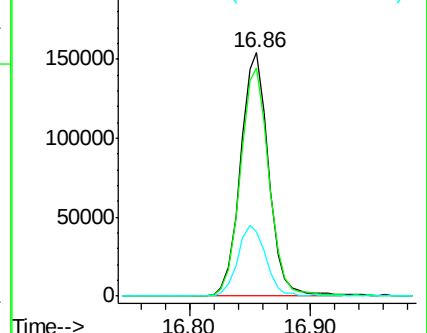
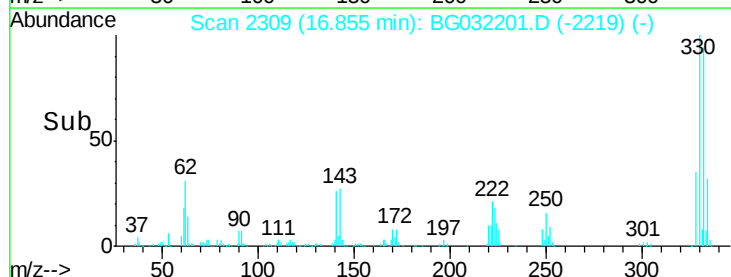
141 28.9 25.2 37.8

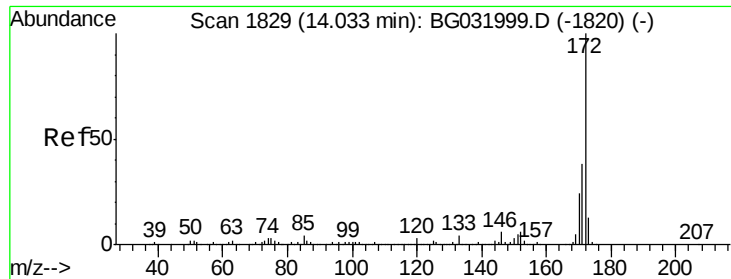


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

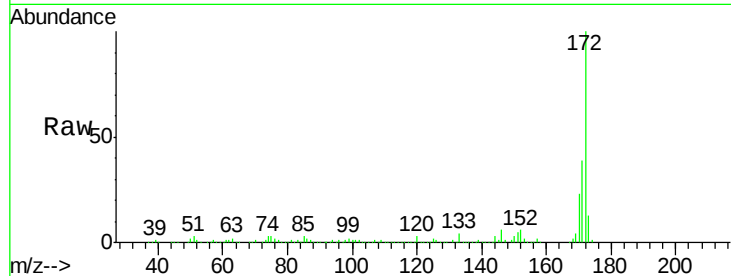




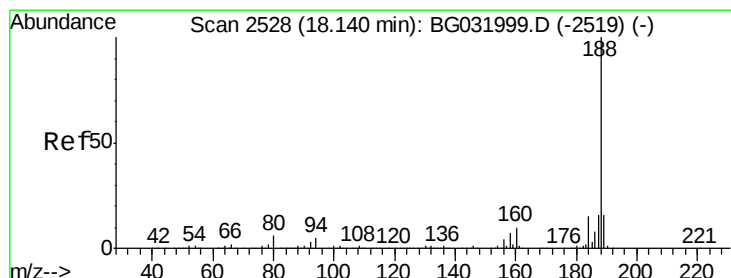
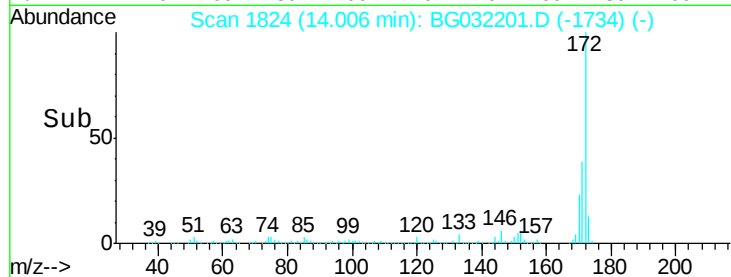
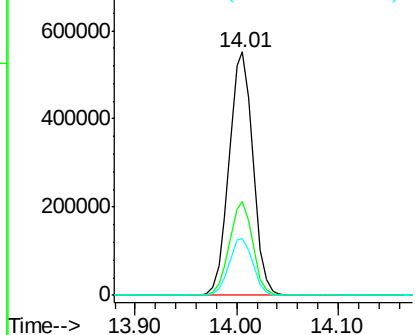
#44
2-Fluorobiphenyl
Concen: 95.429 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032201.D
Acq: 21 Jan 2018 5:19

Instrument :
BNA_G
ClientSampleId :
RT-2898

Tot Ion:172 Resp: 897964
Ion Ratio Lower Upper
172 100
171 38.7 30.0 45.0
170 23.4 19.5 29.3

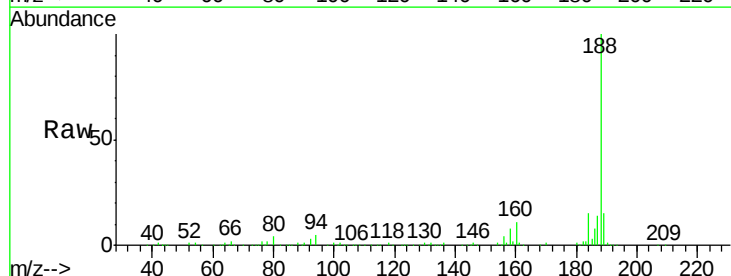


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

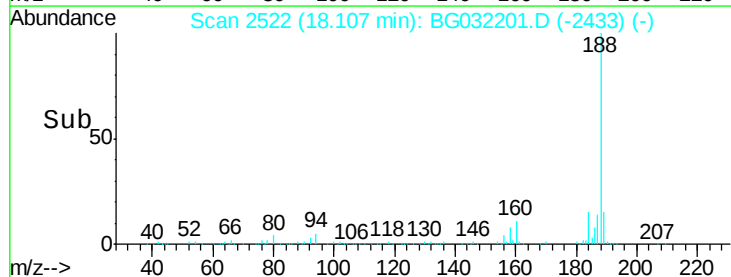
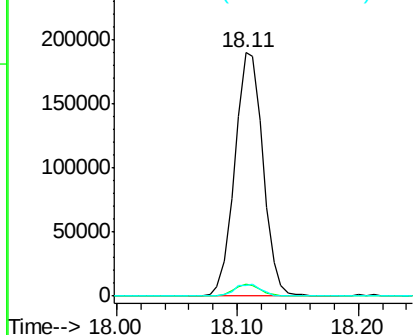


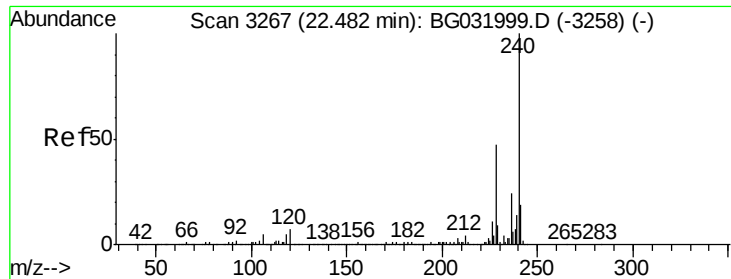
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BG032201.D
Acq: 21 Jan 2018 5:19

Tgt Ion:188 Resp: 308708
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 4.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0

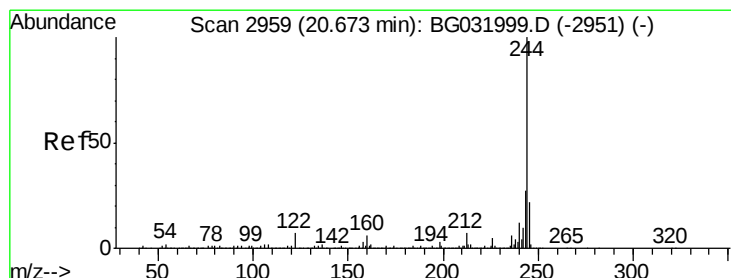
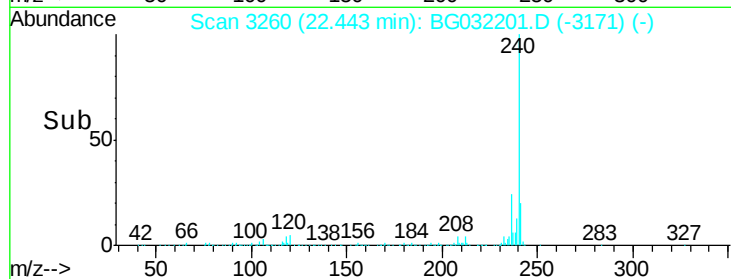
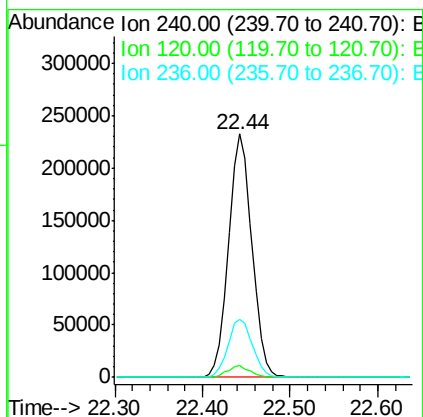
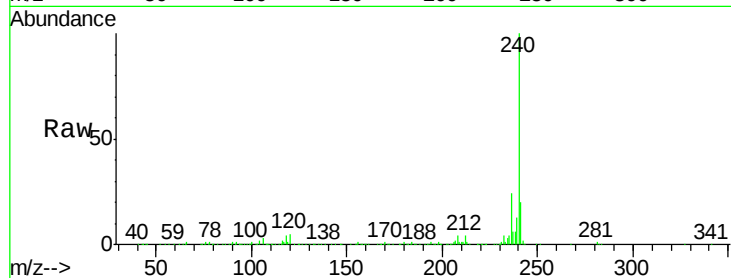




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032201.D
Acq: 21 Jan 2018 5:19

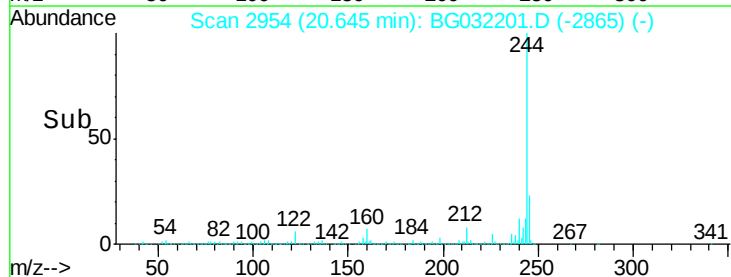
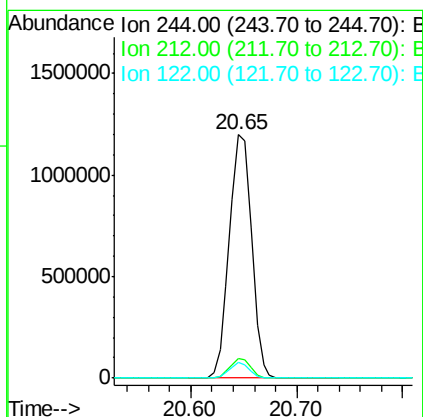
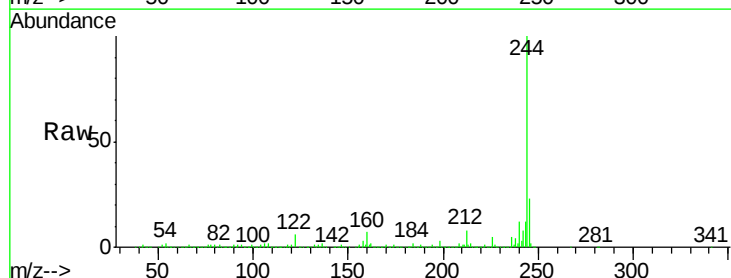
Instrument :
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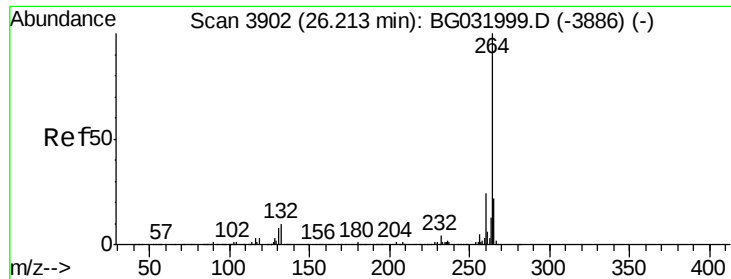
Tot Ion:240 Resp: 422702
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 24.0 20.9 31.3



#78
Terphenyl-d14
Concen: 91.591 ng
RT: 20.65 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG032201.D
Acq: 21 Jan 2018 5:19

Tgt Ion:244 Resp: 1753386
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 6.4 7.0 10.4#

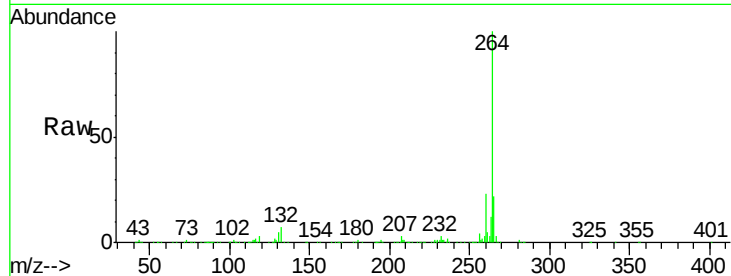




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG032201.D
Acq: 21 Jan 2018 5:19

Instrument :
BNA_G
ClientSampleId :
RT-2898

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.7	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

